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JAPANESE [JP,2001-158578,A]

CLAIMS DETAILED DESCRIPTION
TECHNICAL FIELD PRIOR ART
EFFECT OF THE INVENTION
TECHNICAL PROBLEM MEANS
DESCRIPTION OF DRAWINGS
DRAWINGS

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3.In the drawings, any words are not translated.

(Bibliographic data + Summary + Claim)

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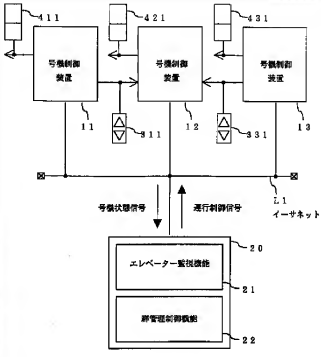

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(57) [Abstract]
[Technical problem] In the group control device of an elevator, it makes it possible to change a control content easily according to the using state of an elevator.
[Means for Solution]A group control device (20) is installed in the management office

distant from an elevator mechanism, a transmission line is established between a numbered machine control device (11, 12, 13) and a group control device (20), and a means to supervise existence of abnormalities of communication between a numbered machine control device and a group control device is formed. A low rank group control means to perform at least a part of group control function of a group control device to a numbered machine control device is formed, and when abnormalities are detected by a monitor means, a group control device is made to execute by proxy with a numbered machine control device. A group control function (22) and a monitoring function (21) are unified, and it constitutes from a personal computer.

[Claim(s)]
[Claim 1]A numbered machine control device which is installed in the elevator mechanism side and controls operation of two or more elevators, respectively.
A group control device which carries out package control of the operation of an elevator of this plurality.
Are a group control system of an elevator provided with the above, and said group control device is installed in the management office distant from said elevator mechanism, A means to supervise existence of abnormalities of communication between a transmission line which connects said numbered machine control device and said group control device, said numbered machine control device, and said group control device is formed. When a low rank group control means to perform at least a part of group control function of said group control device to said numbered machine control device was formed and abnormalities were detected by said monitor means, it was made to make said group control device execute by proxy with a numbered machine control device.

[Claim 2]A group control system of an elevator unifying a monitoring instrument which supervises an operation condition of two or more elevators, and said group control device in claim 1.
[Claim 3]A group control system of an elevator constituting a group control device

from a personal computer which has a graphics display function in claim 1 or 2.
[Claim 4]Either characterized by comprising the following of claims 1-3.
A means to transmit periodically data including hole call information which a numbered machine control device generated at least, and position information to a group control device.
They are hole call response directions at least.

[Claim 5]In either of claims 1-4, a numbered machine control device is constituted so that a hole call registering device and arrival guiding means which are installed in each floor at least may be controlled, and said group control device, A group control system of an elevator transmitting a signal which directs an elevator which answers a generated hole call, or a signal which directs beforehand an elevator which answers a hole call of each floor to each numbered machine control device based on operational status information from the numbered machine control device side.
[Claim 6]In either of claims 1-5, a hole call registering device common to at least two elevators is formed, a numbered machine control device which is not connected to a common hole call registering device between two elevators with this few **** -- this -- a group control system of an elevator monitoring data transmitted to a group control device from a numbered machine control device connected to a common hole call registering device.
[Claim 7]A group control system of an elevator, wherein it forms two or more group control devices which comprise a personal computer in claim 3 and each group control device carries out group control of the elevator of assignment, respectively.

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